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NOTES ON GEOGRAPHIC DISTRIBUTION

Amphibia, Anura, Hylidae, Phyllomedusinae, *Phyllomedusa azurea*: Distribution extension and geographic distribution map

Leonardo de Azevedo Calderon [1, 3]
Mariluce R. Messias [2]
Rodrigo P. Serrano [4]
Kayena D. Zaqueo [1]
Eduardo S. de Souza [2]
Samuel dos S. Nienow [2]
José de L. Cardozo-Filho [1]
Rafaela Diniz-Sousa [1]
Kaynara Delaix-Zaqueo [1]
Rodrigo G. Stabeli [1, 3]

[1] *Universidade Federal de Rondônia, Centro de Estudos de Biomoléculas Aplicadas a Medicina Prof. Dr. José Roberto Giglio, Núcleo de Saúde. BR 364, Km 9,5. CEP 78900-000. Porto Velho, RO, Brazil.*
E-mail: calderon@unir.br

[2] *Universidade Federal de Rondônia, Núcleo de Tecnologia, Laboratório de Mastozoologia. BR 364, Km 9,5. CEP 78900-000. Porto Velho, RO, Brazil.*

[3] *Instituto de Pesquisas em Patologias Tropicais (IPEPATRO). Rua da Beira 7671, BR 364, Km 3,5. CEP 78912-000. Porto Velho, RO, Brazil.*

[4] *Universidade Federal do Acre, Campus Floresta, Centro Multidisciplinar, Laboratório de Geoprocessamento. Gleba Formoso, Lote 245, Colônia São Francisco. CEP 69980-000. Cruzeiro do Sul, AC, Brazil.*

Phyllomedusa azurea Cope, 1862 (Figure 1) was recently revalidated by Caramaschi (2006) who included it in the *P. hypochondrialis* species group, along with *P. ayeaye*, *P. centralis*, *P. hypochondrialis*, *P. megacephala*, *P. nordestina*, *P. oreades*, *P. palliata* and *P. rohdei*.

The known distribution range of *Phyllomedusa azurea* include mainly Chacoan regions of Bolivia, Paraguay, Northern Argentina, and the *Pantanal* and *Cerrado* regions of Central Brazil (Caramaschi 2006, Frost 2007, Prado et al. 2008).

In this work we report the first record of *P. azurea* for the state of Rondônia, in southwestern Brazil, in a transitional region between the *Cerrado* and the Amazonian forest biomes.

Two specimens of this species were collected at Porto Velho, Rondônia, in anthropized areas near Governador Jorge Teixeira de Oliveira International Airport (08°43'60" S, 63°53'60" W, LAC, 5 October 2008) and in the Santo Antônio Furnas hydroelectric power plant area (08°48'35" S, 63°57'13" W, MRM, 11 November 2008, Figure 2). Specimens were identified according to the diagnosis presented by Caramaschi (2006), and are deposited in the anuran collection of the *Centro de Estudos de Biomoléculas Aplicadas a Medicina*, *Universidade Federal de Rondônia*, Porto Velho, Rondônia, Brazil (CEBIO 090123-010314, CEBIO 090129-010329).

These localities are the northernmost known records of *P. azurea*, and are about 980 km from the nearest locality previously reported for this species, Porto Esperidião, Mato Grosso, Brazil. The records of *P. azurea* in the northern Rondônia are the first for the Amazonian biome, in a transitional area with the Cerrado.

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Figure 1. *Phyllomedusa azurea* from Porto Velho, state of Rondônia, Brazil.

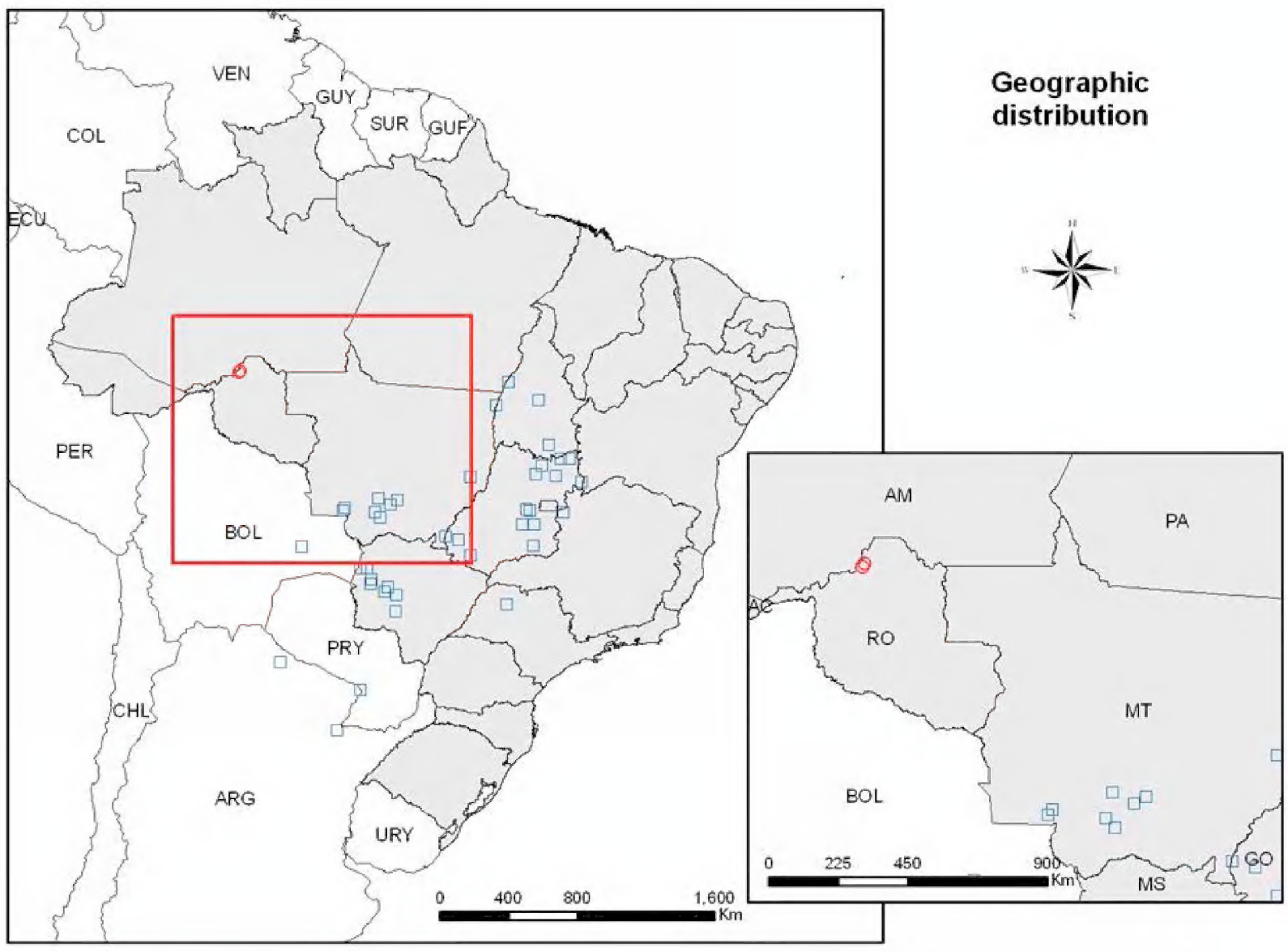

Figure 2. Distribution map of *Phyllomedusa azurea* with new records for Porto Velho, state of Rondônia, Brazil (red circles). The blue squares correspond to records areas obtained from Caramaschi 2006 and Prado et al. 2008.

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Literature cited

Caramaschi, U. 2006. Redefinição do grupo de *Phyllomedusa hypochondrialis*, com redescrição de *P. megacephala* (Miranda-Ribeiro, 1926), revalidação de *P. azurea* Cope, 1862 e descrição de uma nova espécie (Amphibia, Anura, Hylidae). Arquivos do Museu Nacional 64: 159-179.

Frost, D. R. 2007. Amphibian Species of the World. Version 5.2. Accessible at http://research.amnh.org/herpetology/amphibia/index.php. American Museum of Natural History, New York, USA. Captured on October 2008.

Prado, V. H. M., R. E. Borges, F. R. Silva, T. T. Tognolo, and D. de C. Rossa-Feres. 2008. Amphibia, Anura, Hylidae, *Phyllomedusa azurea*: Distribution extension. Check List 4(1): 55-56.

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